

BACHELOR OF SCIENCE- BIOLOGY
Plant Biology Specialization
2019-2020

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 1306 & BIOL 1106 Biology for Science Majors I & Lab I	4	BIOL 1307 & BIOL 1107 Biology for Science Majors II & Lab II	4		
	CHEM 1311 & CHEM 1111 General Chemistry I & Lab I	3	CHEM 1312 & CHEM 1112 General Chemistry II & Lab II	4		
	HIST 1301 or POLS 2305	3	MATH 2413 Calculus I	4		
	WRIT 1301 Composition I	3	WRIT 1302 Composition II	3		
	PSYC 1100 Learning Frameworks	1				
	Semester Hours	15		15	0	30
Year 2	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 2323 & 2123 Organic Chemistry I & Lab I	4	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	HIST 1301 or POLS 2305	3	PHYS 1302 & 1102 College Physics II & Lab II	4		
	US History I or Federal Government		CORE Creative Arts	3		
	COMM 1315 Public Speaking	3				
	PHYS 1301 & PHYS 1101 College Physics I & Lab I	4	CHEM 2325 & 2125 Organic Chemistry II & Lab	4		
	Semester Hours	14		14		28

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 3341 & BIOL 3141 Molecular Genetics & Lab	4	BIOL 4343 Plant Physiology	3		
	BIOL 3313 & 3113 Plant Anatomy & Lab	4	BIOL 4342 Biochemistry II	3		
	BIOL 4341 & 4242 Biochemistry I & Lab	5	WRIT 3315 Technical Writing	3		
	3000-4000 level Approved Major Elective #	3	3000-4000 level Approved Major Elective #	3		
			BIOL 4311 Ecology	3		
	Semester Hours	16		15	X	31
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	BIOL 4347 Cellular Physiology	3	BIOL 4278 Biology Seminar	2		
	BIOL 4349 Plant Development	3	BIOL 4351, 4327 or 3333 Major Requirement	3		
	STAT 3308 Computational Statistics	3	HIST 1302 or POLS 2306 US History II or Texas Government	3		
	CORE Language, Philosophy & Culture	3	COMM 1315 Public Speaking	3		
	3000-4000 level Approved Major Elective #	3	3000-4000 level Approved Major Elective #	3		
			3000-4000 level Approved Major Elective #	2		
	Semester Hours	15		16	0	31
	Total Plan Hours					XXX

Choose from BIOL 4254, 4349, 4252, 4305, 4189, 4289, 4291, 4315, 4389, 4391.

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog (www.uhcl.edu/catalog) for approved options.
- This document is only intended as a guide. Please see an academic advisor for assistance with academic planning.